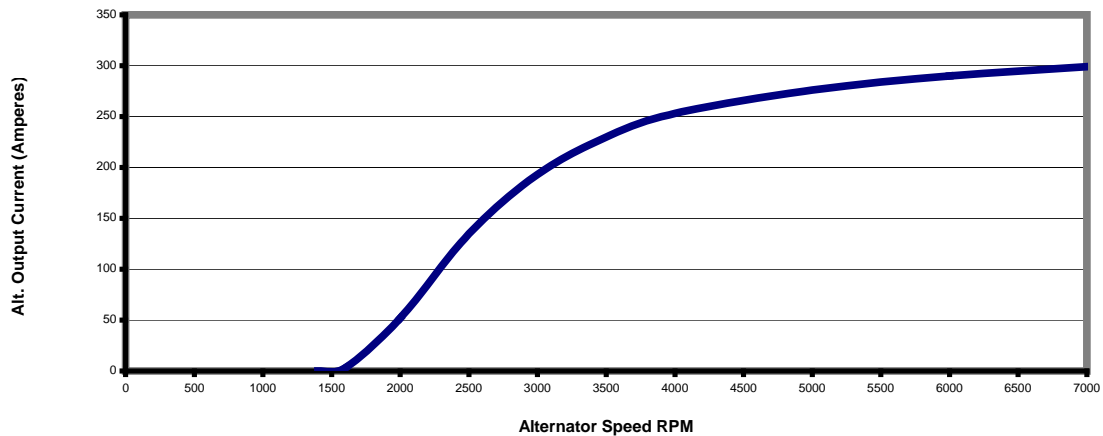


APS Alternator Specifications for PN 42i-270-12J



The American Power Systems alternator delivers 3.8 kW of clean, regulated DC power in a ruggedly built chassis designed to meet the rigors of military use. This alternator is designed to meet military standards and multiple units can be paralleled for additional power.

ELECTRICAL SPECIFICATIONS

Rated Power:	3.8 kW
Rated Voltage:	12 VDC nominal
Rotation:	CW
Output Current:	270 amps nominal
Charge voltage set point:	14.2 V
Recommended pulley ratio:	4:1
Output at engine idle	170 amps typical
Plug Interface:	NA
Efficiency:	87% typical.

MECHANICAL SPECIFICATIONS:

Diameter:	6.5"
Mount:	J 180
Weight:	18 lbs.
Cooling:	Internal fans

SPECIAL FEATURES:

- Custom windings
- High Performance heat sink
- Internal Regulator / Self-Exciting
- Designed to meet MIL standards



APS alternators can be configured to ship with the correct pulley installed.

World Headquarters

3750 West River Drive, Davenport, IA 52802
Phone (563) 323-7994 Ext 107
Fax (563) 323-8089

AMERICAN POWER SYSTEMS, Inc.

e-mail: info@americanarmature.com
web-site: www.americanarmature.com

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